



ENVIRONMENTAL QUALITY COMMISSION AGENDA

Regular Meeting
Wednesday, May 27, 2015 at 6:30 PM
Arrillaga Family Recreation Center – Juniper Room
700 Alma Street, Menlo Park, CA 94025
PLEASE NOTE CHANGE IN MEETING LOCATION

CALL TO ORDER

ROLL CALL – Allan Bedwell (Vice Chair), Chris DeCardy, Kristin Kuntz-Duriseti, Scott Marshall (Chair), Deborah Martin, Mitchel Slomiak, Christina Smolke

A. PUBLIC COMMENT (Limited to 30 minutes)

Under “Public Comment,” the public may address the advisory body on any subject not listed on the agenda within the jurisdiction of the Commission. Each speaker may address the Commission once under Public Comment for a limit of three minutes. Please clearly state your name and address or political jurisdiction in which you live. The Commission cannot act on items not listed on the agenda and, therefore, the Commission cannot respond to non-agenda issues brought up under Public Comment other than to provide general information. The public may address the Commission regarding items listed on the agenda during the consideration of each item.

B. REGULAR BUSINESS

- B1.** Introduce the newly appointed EQC Commissioner, Andrew Barnes
- B2.** Discuss and Make Recommendations to City Staff on the Draft Integrated Pest Management (IPM) Policy
- B3.** Informational Presentation from Diane Bailey, Executive Director of Menlo Spark on the California Clean Power Community Choice Aggregation (CCA)
- B4.** Discuss and Potentially Make Recommendations to the General Plan Advisory Committee (GPAC) to incorporate sustainability goals into the General Plan
- B5.** Debrief on Arbor Day Tree Planting Event
- B6.** Approve April 22, 2015 Minutes ([Attachment](#))
- B7.** Select Commission Chair and Vice Chair

C. REPORTS AND ANNOUNCEMENTS

- C1.** Staff Update on Environmental Policies to be considered by City Council

C2. Commission Subcommittee Reports and Announcements

C3. Discuss Future Agenda Items

D. ADJOURNMENT

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At every Regular Meeting of the Commission, in addition to the Public Comment period where the public shall have the right to address the Commission on any matters of public interest not listed on the agenda, members of the public have the right to directly address the Commission on any item listed on the agenda at a time designated by the Chair, either before or during the Commission's consideration of the item.

At every Special Meeting of the Commission, members of the public have the right to directly address the Commission on any item listed on the agenda at a time designated by the Chair, either before or during consideration of the item.

Any writing that is distributed to a majority of the Commission by any person in connection with an agenda item is a public record (subject to any exemption under the Public Records Act) and is available for inspection at the Menlo Park Library, 800 Alma Street, Menlo Park, CA 94025 during regular business hours.

Persons with disabilities, who require auxiliary aids or services in attending or participating in Commission meetings, may call the City Clerk's Office at (650) 330-6620.



ENVIRONMENTAL QUALITY COMMISSION MINUTES

Regular Meeting
Wednesday, April 22, 2015 at 6:30 PM
Arrillaga Family Recreation Center – Oak Room
700 Alma Street, Menlo Park, CA 94025

This meeting was called to order by Chair Scott Marshall at 6:45 pm

ROLL CALL:

Present: Chris DeCardy, Kristin Kuntz-Duriseti, Scott Marshall (Chair), Mitchel Slomiak, Christina Smolke

Absent: Allan Bedwell

A. PUBLIC COMMENT (Limited to 30 minutes)

No comment

B. REGULAR BUSINESS

- B1.** Make a Determination on Two Heritage Trees Appeals at 1020 Hermosa Way ([Attachment](#))

Public Comment

Joy Zhu, 1020 Hermosa Way property owner, briefed the Commission on the condition of the trees and her overriding safety hazard concern.

(Commissioner Martin arrives at 6:54pm)

Mary Ann Robbiano, appellant and property owner of 1000 Hermosa Way, along with her two daughters, Kathleen and Angela, recited a Native American poem regarding trees. Mrs. Robbiano has lived next door to 1020 Hermosa Way for 56 years, in which the trees have not posed immediate concern.

Diane Kinderman, attorney representing 1020 Hermosa Way property owner, noted 1) the coastal redwoods lack structural integrity, 2) safety of property owner's home, 3) safety of neighbors, and 4) concerns of liability.

Kathleen Robbiano, daughter of appellant, recited a passage from Dr. Seuss's book, The Lorax. Ms. Robbiano reminded the public and EQC of our interdependence with trees.

Betsy Nash, neighborhood member, spoke against removal of the coastal redwoods. Ms. Nash noted that the development plans submitted for 1020 Hermosa Way did not include the heritage trees.

Elizabeth Williams, friend of Mrs. Robbiano and property owner of 973 Alice Way, expressed her support for keeping the trees.

Dotty King, property owner of 925 Hermosa Way, noted that the heritage trees are close to the street, which benefits the neighborhood. Ms. King was in support of keeping the trees.

Allison Hale, previous property owner of 916 Hermosa Way and current property owner of 645 Hermosa Way, painted a verbal picture of the neighborhood and expressed her support in keeping the trees.

Martha Bacon, property owner of 790 Hermosa Way, recalled the topping of the coastal redwoods 15 years ago. Mrs. Bacon supported keeping the trees and expressed that removing the trees would change the character of the neighborhood.

Tom Bacon, husband to Martha Bacon and property owner of 790 Hermosa Way, objected to the topping of the coastal redwoods 15 years ago. Mr. Bacon advocated that the trees add value to the community and take precedence over development. Mr. Bacon noted that there is no imminent danger and thus removal is not necessary at this time.

Susan Schendel, property owner of 1001 Hermosa Way, supported the cabling and pruning of the coastal redwoods.

Carol Mince, property owner of 1300 Middle Ave, voiced her experience in the removal of trees within the Middle Avenue neighborhood. Ms. Mince was in support of keeping the heritage trees.

Sally Cole, property owner of 1235 Santa Cruz Ave, stated photos in the staff report packet do not display the beauty of the heritage trees. Ms. Cole noted that property owners have a responsibility when purchasing a home with heritage trees.

Nancy Devine, property owner of 618 Hermosa Way, welcomed the property owner of 1020 Hermosa Way to the neighborhood. Ms. Devine also voiced that if these trees are removed, they cannot be replaced with similar size and age trees.

ACTION: Motion and second (Slomiak/Martin) to uphold the appeal based on criteria 4, 5, 6, and 8 of the Heritage Tree Ordinance, as there are reasonable alternatives, passes (6-01) (Absent: Bedwell)

(Chair moved item B3 before item B2)

B3. Discuss and Review the Water Resource Policy Subcommittee's Recommendations on New State Water Mandates

ACTION: No formal action was taken. Heather Abrams, Environmental Programs Manager, provided a brief informational update on the new state water mandates.

- B2.** Discuss and Make Recommendations to City on the Updated Integrated Pest Management (IPM) Policy ([Attachment](#))

ACTION: Motion and second (Kuntz-Duriseti/Slomiak) to appoint Commissioner DeCardy to draft a recommendation letter to the City on changes to the draft IPM Policy based on the EQC discussion, passes (6-0-1) (Absent: Bedwell)

- B4.** Informational Presentation from Diane Bailey, Executive Director of Menlo Spark on the California Clean Power Community Choice Aggregation (CCA) ([Attachment](#))

ACTION: No formal action was taken. Diane Bailey provided a brief overview of California Clean Power CCA. The EQC would like to reagendize the item at the next commission meeting.

- B5.** Discuss and Make Recommendations to the General Plan Advisory Committee (GPAC)

ACTION: Motion and second (DeCardy/Kuntz-Duriseti) to reagendize item for next EQC meeting, passes (6-0-1) (Absent: Bedwell)

- B6.** Discuss Arbor Day Tree Planting Event

ACTION: No formal action was taken. Chair Marshall will continue his role in leading the annual tree planting event as in previous years. The Commission will receive a brief overview of the event during the next EQC meeting.

- B7.** Discuss Cancellation of summer EQC Meeting

ACTION: Motion and second (DeCardy/Martin) to cancel the July EQC meeting, passes (6-0-1) (Absent: Bedwell)

- B8.** Approve March 25, 2015 Minutes ([Attachment](#))

ACTION: Motion and second (Marshall/Martin) to approve March 25, 2015 minutes, passes (5-0-2) (Absent: Bedwell; Abstain: Kuntz-Duriseti)

C. REPORTS AND ANNOUNCEMENTS

- C1.** Staff Update on Environmental Policies to be Considered by City Council

- C2.** Commission Subcommittee Reports and Announcements

- C3.** Discuss Future Agenda Items

D. ADJOURNMENT

The meeting was adjourned at 11:17pm

Meeting minutes taken by Kristin Kuntz-Duriseti, Environmental Quality Commissioner

Meeting minutes prepared by Sheena Ignacio, Environmental Programs Specialist

DRAFT

INTEGRATED PEST MANAGEMENT (IPM) POLICY UPDATE

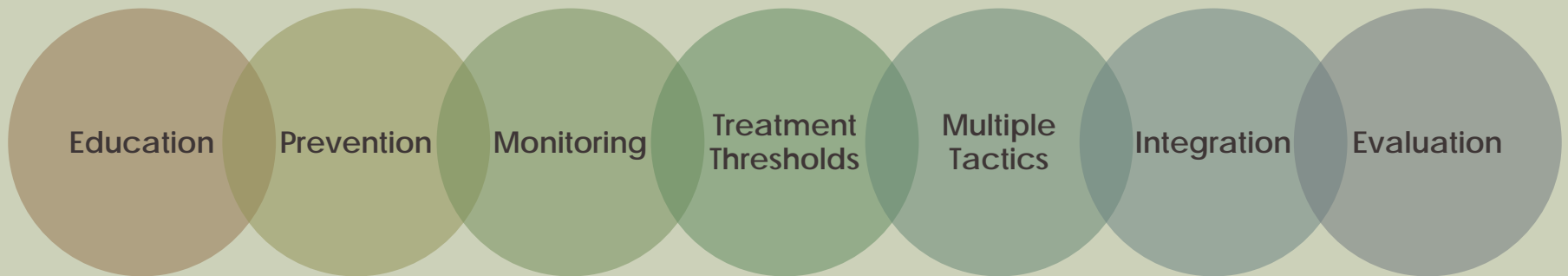


WHAT IS INTEGRATED PEST MANAGEMENT (IPM)?

An ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of pest-resistant varieties. Pesticides are used only after monitoring indicates that they are needed according to established guidelines, and treatments are made with the goal of removing only the target organism. Pest control materials are selected and applied in a manner that minimizes risk to human health, beneficial and non-target organisms, and the environment.

Source: [University of California State-wide Integrated Pest Management Program](#)

THE IPM CONCEPT

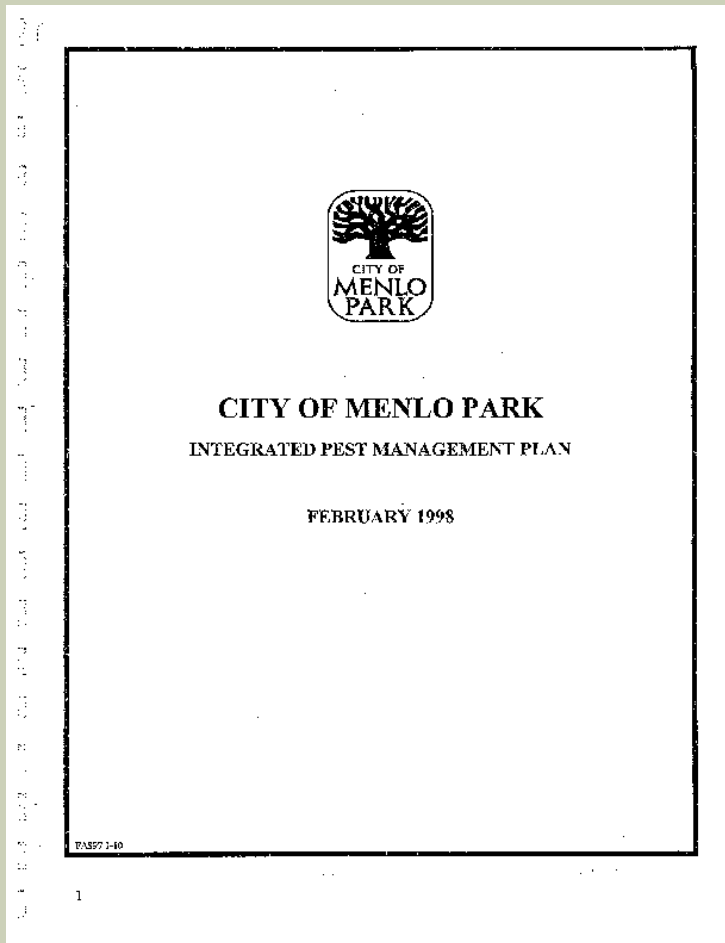


PURPOSE



- Address community concerns
- Transparency
- Fulfill National Pollutant Discharge Elimination System (NPDES) Stormwater Permit requirements
- Inline with San Mateo County Water Pollution Prevention Program standards

CURRENT POLICY



- Out-dated
 - Allows Category II, III, & IV pesticide use
- Extensive 45 pgs.

STAFF EDUCATION & TRAINING



- Department staff receive at least 20 hours of continued education units annually. Much of which is IPM based.
- Staff only applies Category III or IV herbicides using “Caution” signal word. These categories are the least toxic pesticides available.

HIERARCHY OF MENLO PARK IPM IMPLEMENTATION



Monitor Pest/Host
Life Cycle

IPM Technique
(Cultural, Biological,
Physical control)

Least Toxic
Pesticide

MULCH



MOW



IPM TECHNIQUE

CULTURAL CONTROL:

*The use of
mulch and
mowing.*

BEFORE



AFTER



IPM TECHNIQUE

BIOLOGICAL CONTROL

*The use of
natural
predator
species,
parasites, or
grazing.*



IPM TECHNIQUE

PHYSICAL CONTROL:

*The use of
hand/
mechanical
removal, traps
and barriers.*

DEPARTMENT PESTICIDE USE



- In 1996, 25.1 gallons of herbicides were used on City staff maintained landscapes.
- In 2012, City staff maintained landscape increased by 11 acres and reduced herbicide use to 19.75 gallons.

SAN MATEO COUNTY WATER POLLUTION PREVENTION PROGRAM

IPM POLICY TEMPLATE



San Mateo Countywide Water Pollution Prevention Program Model Integrated Pest Management (IPM) Policy Template

GOAL

The [City/County of ____] seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as to provide sustainable solutions for pest control through the reduced use of pesticides on property including buildings owned or managed by the City/County by applying Integrated Pesticide Management principles and techniques. The municipal regional stormwater permit requires that the [City/County of ____] minimize reliance on pesticides that threaten water quality.

REQUIRED USE OF INTEGRATED PEST MANAGEMENT

Employees implementing pest management controls will use Integrated Pest Management (IPM) techniques that emphasize non-pesticide alternatives. Pesticides will only be used after careful consideration of non-chemical alternatives and then the least toxic chemicals that are effective shall be used. Pest control contractors hired by the [City/County] are required to implement IPM to control pests. This will be achieved by hiring only IPM-certified pest control contractors or by including contract specifications requiring contractors to implement IPM methods.

The [City/County] will establish written standard operating procedures for pesticide use to ensure implementation of this IPM policy and to require municipal employees and pest control contractors to comply with the standard operating procedures.

The [City/County] will track employee and contractor pesticide use and prepare an annual report summarizing pesticide use and evaluating pest control activities performed consistent with the municipal regional stormwater permit's requirements.

The [City/County] will review its purchasing procedures, contracts or service agreements with pest control contractors and employee training practices to determine what changes, if any, need to be made to support the implementation of this IPM Policy.

The [City/County] will perform educational outreach and/or support Countywide or regional efforts to educate residential and commercial pesticide users on a) goals and techniques of IPM, and b) pesticide related water quality issues consistent with the municipal regional stormwater permit's requirements.

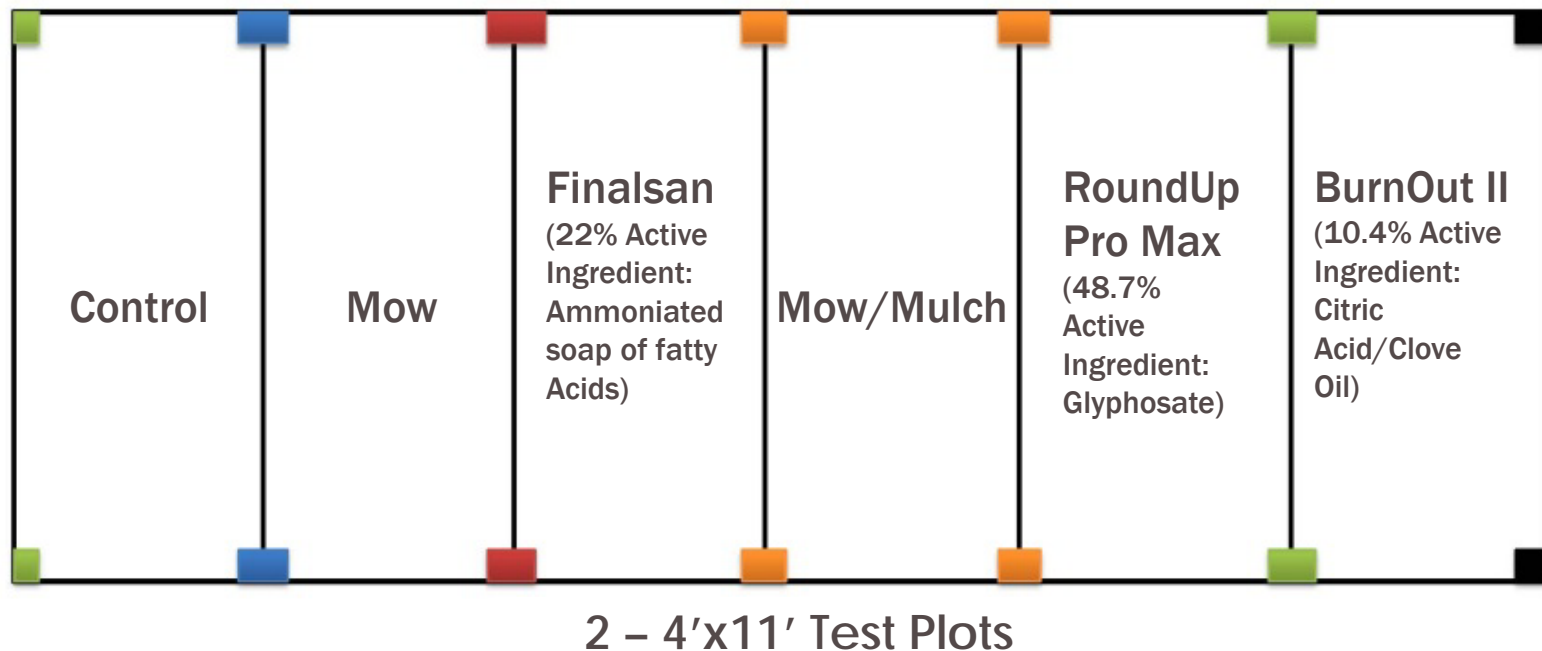
The IPM-based hierarchical decision making process that will be used to control pests will include the following:

1. Based on field observations evaluate locations and sites where pest problems commonly occur to determine pest population, size, occurrence, and natural enemy population, if present. Identify conditions that contribute to the development of pest populations, and decisions and practices that could be employed to manage pest populations

- Goal
- Required Use of IPM
- Background

THE EXPERIMENT

July 2014 – January 2015



THE EXPERIMENT RESULTS



- RoundUp Pro Max
 - Lowest application rates
 - Lowest cost
- BurnOut II/Finalsan:
 - Higher application rates
 - Higher costs per mixed rates
- Mow/Mulch:
 - Increase staff levels
 - Increase staff time

DRAFT IPM POLICY

City of Menlo Park		City Manager Policy
Department City Manager	Page 1 of 4	Effective Date
Subject DRAFT INTEGRATED PEST MANAGEMENT POLICY	Approved by	Procedure #
	Department Head	
	City Manager	

GOAL

The City of Menlo Park seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as to provide sustainable solutions for pest control through the reduced use of pesticides on City property by applying Integrated Pesticide Management principles and techniques. The municipal regional stormwater permit requires that the City of Menlo Park minimize reliance on pesticides that may threaten water quality.

City of Menlo Park owned or managed property/facilities may include but is not limited to: parks and open space, golf courses, roadsides, landscaped medians, flood control channels and other outdoor areas, as well as municipal buildings and structures.

BACKGROUND

Integrated Pest Management (IPM) is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of pest-resistant varieties. Pesticides are used only after monitoring indicates they are needed according to established guidelines, and treatments are made with the goal of removing only the target organism. Pest control materials are selected and applied in a manner that minimizes risks to human health, beneficial and nontarget organisms, and the environment. (Source: University of California State-wide Integrated Pest Management Project)

City of Menlo Park employees implementing pest management controls will use Integrated Pest Management (IPM) techniques that emphasize non-pesticide alternatives. The City of Menlo Park hereby establishes written standard operating procedures as described in this policy for pesticide use to ensure implementation of IPM and to require municipal employees and pest control contractors to comply with the standard operating procedures.

TRAINING AND OUTREACH

City personnel who apply pesticides or supervise and provide advice about pesticide application will be trained as mandated by State and Federal regulations on recommended IPM strategies and techniques, as well as pollution prevention practices. City contractors will also be required to complete training regarding the concepts that are included in this Policy.

The City of Menlo Park will perform educational outreach and/or support Countywide or regional efforts to educate residential and commercial pesticide users on a) goals and techniques of IPM, and b) pesticide related water quality issues consistent with the municipal regional stormwater permit's requirements.

THE IPM-BASED HIERARCHICAL DECISION MAKING PROCESS

The City, in carrying out its operations, shall assume pesticides are potentially hazardous to human and environmental health. City departments shall give preference to reasonably available nonpesticide alternatives when considering the use of pesticides on City property. For all pest problems on City property, City staff and City contractors shall follow the IPM approach outlined below, only proceeding to the next step if prior steps have been exhausted.

- New additions:
 - Prohibition on RoundUp®
 - 100 ft. buffer surrounding sensitive receptors
- Supporting the Draft IPM Policy
 - Funding
 - Labor
 - Staff time

CHANGES IN LANDSCAPE



SYMBOL OF NEW BEGINNING



QUESTIONS



Dear City Council Members,

During the Environmental Quality Commission meeting on March 25th, Pam Lowe presented the new water restriction measures that are being proposed for the Water Shortage Contingency Plan. The EQC discussed, and are in support of, the new proposed water restriction measures that are needed to meet new state water mandates in response to California's severe drought (attached).

The EQC engaged in a rigorous conversation about the need for a sustainable long term water conservation strategy for the Water Master Plan. The City Council Members and EQC are aligned on the need for a proactive water management strategy that will help conserve our valuable water resources over the long term, and not just during crisis situations. The EQC would like to recommend the following concepts for consideration in the Water Master Plan, and are willing to participate in continued dialogue and planning toward these conservation goals.

- **Purple Pipe Systems** - Implement a plan for installing purple pipe systems to make use of semi-treated water for various uses. These systems should be considered for new businesses and for city wide infrastructure.
- **Drought Tolerant Landscaping** - Implement mandatory drought tolerant landscaping and limit lawn installations for new commercial and residential building projects as well as the installation of new landscaping for and existing site location.
- **Residential Grey Water Systems** - Provide an easy mechanism for citizens to install grey water systems in their homes. Consider rebate programs and conduct an outreach campaign.
- **Restrict Single Pass Cooling** - Enforce a new ordinance that restricts the use of single pass cooling (i.e. Palo Alto has an ordinance in place). Single pass cooling uses a continuous flow of water that is circulated once through the system for cooling purposes and is then disposed. Instead of this wasteful practice, the use of a closed-looped recirculating chilled water loop should be required in our city.
- **Implement Water Surcharges** - Implement water surcharges during drought conditions. Water prices continue to be low despite the severe shortage. Adding a surcharge will help to curb behavior and conserve water during times of crisis.
- **Encourage Consumer Choices** - Provide incentives for making smart water conservation choices/practices such as the use of on-demand hot water systems, low flow toilets, water efficient washing machines, smart irrigation systems, etc.

Strategic management of Menlo Park's water resources is critical to our sustainable future. We urge the council to prioritize water conservation initiatives, with timely implement of the emergency measures for the Water Shortage Contingency Plan and the long term water conservation strategies for the Water Master Plan.

Sincerely,

The EQC Members and Water Resources Sub Committee

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